

Claims(on USP 1st Action)

- 1- {An engine comprising a cylindrical Case having a wheel or more, mounted and geared on a straight central (crank)shaft inside a cylindrical cavity of Case for rotation coaxial therein, the wheel(s) contains one cylinder or more in centre-side in perpendicular plan to crank axis, has one side opened on outwardly wheel circumference facing cavity wall of Case a piston mounted inside the cylinder has the ability of linear movement therein, top of piston together with wall of cylinder (bore) and inner surface part of Case defining a combustion chamber the piston is mounted to other closed end of its cylinder via a free flexible elastic push-arm has sliding rod device, circular seals fixed around each side edge of wheel on its circumference adapted with the Case, to isolate wheel performance, as three or more of seal mass in radial location on the wheel circumference width at designed distances to guard stroke modes of each chamber in which conducted consecutively in rotating by air-fuel mixture inlet(s) via valve(s), spark plug(s), exhaust pipe(s) and air puffing inlet(s) at end of each exhaust stroke mounted all in Case, pre-compressed air-fuel mixture boosted or injected (fed) into the chamber(s) and air puffed on chamber in exhaust zone from outside by using main accessories for air feeding (cylinder to store pressured air charging by compressor, pipes, and spark distributor adapted with the Crank), fuel sprayed into pressured air to arrange mixture by a device before feeding chambers under control, exhausted gases expel via specific aerodynamic opening mounted in the case, the valves opened mechanically in timing against chamber(s), by edge of circular metal pad(s), two pad used for oil and cooling services coincide around (each) wheel contain radius grooves to be fed with oil from central oil canal by centrifugal concept in sucking oil to supply other seals, piston servicing of oil via rod pump mounted in piston sliding push-arm device working by its movement, linking piston oil network with crank via wheel oil intake on the crank, oil is cooled while flows back on Case to main oil tank which has atmosphere opening, central oil canal is being supplied with oil from middle oil tank which kept filled by oil from main oil tank by oil pump, wherein more than one wheel are inside the case each wheel has ability of independent performance.}